SURGICAL TERMINOLOGY

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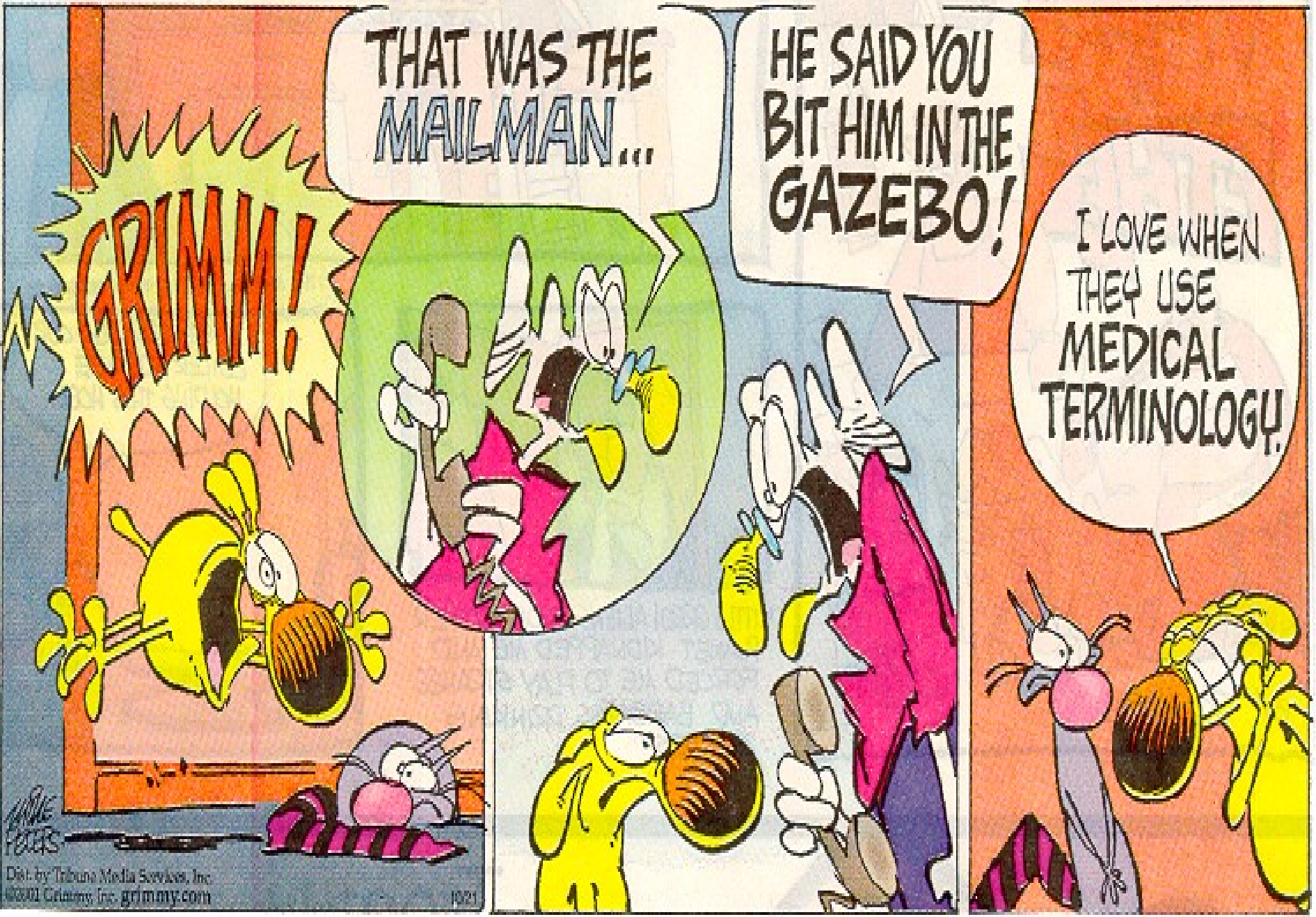
GRIMM!
THAT WAS THE MAILMAN...
HE SAID YOU BIT HIM IN THE GAZEBO!
I LOVE WHEN THEY USE MEDICAL TERMINOLOGY.
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Component Parts of Surgical Terms

Root word

The basic component of a word which gives it meaning. The root word can stand alone as a word. They are also used in combining words.

Examples of Root Words.

(1)	*Cardio*	*(heart)*
(2)	*Hemo*	*(blood)*
(3)	*Thorax*	*(chest)*
(4)	*Pneumo*	*(air)*
(5)	*Neuro*	*(nerve)*

Prefix

A prefix is added in front of the root term to add meaning. Prefixes usually, but not all the time, will indicate location, time, or number.

Examples of prefixes.

(1) anti (against)

(2) dys (difficult)

(3) sub (under)

(4) tachy (accelerated)

(5) brady (slow)

(6) ab (away from)

Suffix

One or more letters or syllables placed after the root word. They usually, but not always, indicate the procedure, condition, disorder, or disease.

Examples of suffixes.

(1) itis (inflammation) (2) algia (pain) (3) ology (study of) (4) oma (tumor) (5) ectomy (removal of)

(6) ic (has some characteristic)

(7) ous (possessing)

(8) plasty (repair)

(9) stomy (artificial or surgical opening)

(10) otomy (incision)

Pronunciation and Plurals of Medical Terms

ch sounds like k

chromatin chronic

ps sounds like s

psychiatry

psychology

pn sounds like n

pneumonia pneusis

c & g soft sound of s & j
(before e, i, and y words)

generic
cycle

giant
cytoplasm

c& g hard sound of other letters

cast *cardiac*

gastric *gonad*

i at the end of a word is

pronounced eye

(forms plural)

alveoli, glomeruli, fasciculi

es to form final letters of a word, pronounced as a separate syllable

stases, nares

In medical terminology a plural is formed by changing the ending

fascia	***fasciae***
cranium	***cranium***

glomerulus ***glomeruli***

When a singular form ends in us , the plural form is made by dropping the us and adding i

adenoma ***adenomata***

Construction of Surgical

Terms

Prefixes added to the root

Prefixes are usually added without changing the spelling of the root word it joins

Examples of prefix and root combinations.

Prefixes	***Root***	***Combination***
ante	***cubital***	***antecubital***
anti	***sepsis***	***antisepsis***
bi	***focal***	***bifocal***
contra	***lateral***	***contralateral***
de	***hydrate***	***dehydrate***

Construction of Surgical Terms

Suffixes added to the Root.

In adding suffixes, you have to follow some rules. The combining vowel rule: A combining vowel may be used to modify the spelling of the root word. The combining vowel is NOT used when the suffix BEGINS with a vowel. As in neuro combining with itis. You drop the vowel of neur/o and spell it as neuritis. The combining vowel is used when the suffix BEGINS with a consonant. As in neur/o combined with plasty. You keep the vowel and spell out neuroplasty.

Examples of suffix and root combinations.

Root	*Suffix*	*Combination*
Gastr (o)	*stomy*	*Gastrostomy*
Gastr (o)	*itis*	*Gastritis*
Neur (o)	*itis*	*Neuritis*
Neur (o)	*plasty*	*Neuroplasty*
Lapar (o)	*scopy*	*Laparoscopy*

Examples of Constructed of

Surgical Terms

a. Surgical excision of the stomach. (Gastrectomy)

b. Cut into the Kidney for stones (Nephrolithotomy)

c. Repair the liver by suturing (Hepatorrhaphy)

d. Create a new opening into the stomach (Gastrostomy)

e. Surgical correction of a hernia by suturing (Herniorrhaphy)

f. To look into the urinary bladder. (Cystoscopy)

g. To cut into the uterus (Hysterotomy)

Surgical Abbreviations

Surgical abbreviations are often used as a shorthand way of writing long complex medical/surgical terms. Some of the abbreviations have more than one meaning. So sometimes you have to be careful on the abbreviations you use. To be safe on the which abbreviation to use, always spell it out if your in doubt.

Examples of surgical/medical abbreviations

Abbreviation	***Meaning***
AAA	***Abdominal aortic aneurysm***
ABG	***Arterial blood gas***
AKA	***above the knee amputation***
A&P	***Anterior and posterior***

Bx	*Biopsy*
C-Section	*Cesarean Section*
D&C	*Dilatation & Curettage*
Fx	*Fracture*
H&P	*History & Physical*

I&D ***Incision and drainage***

LAVH ***Laparoscopically assisted vaginal hysterectomy***

LIH/RIH ***Left inguinal hernia***

Right inguinal hernia

PPBTL ***Post partum bilateral tubal ligation***

ORIF Open Reduction Internal Fixation

OS Left eye

OD Right eye

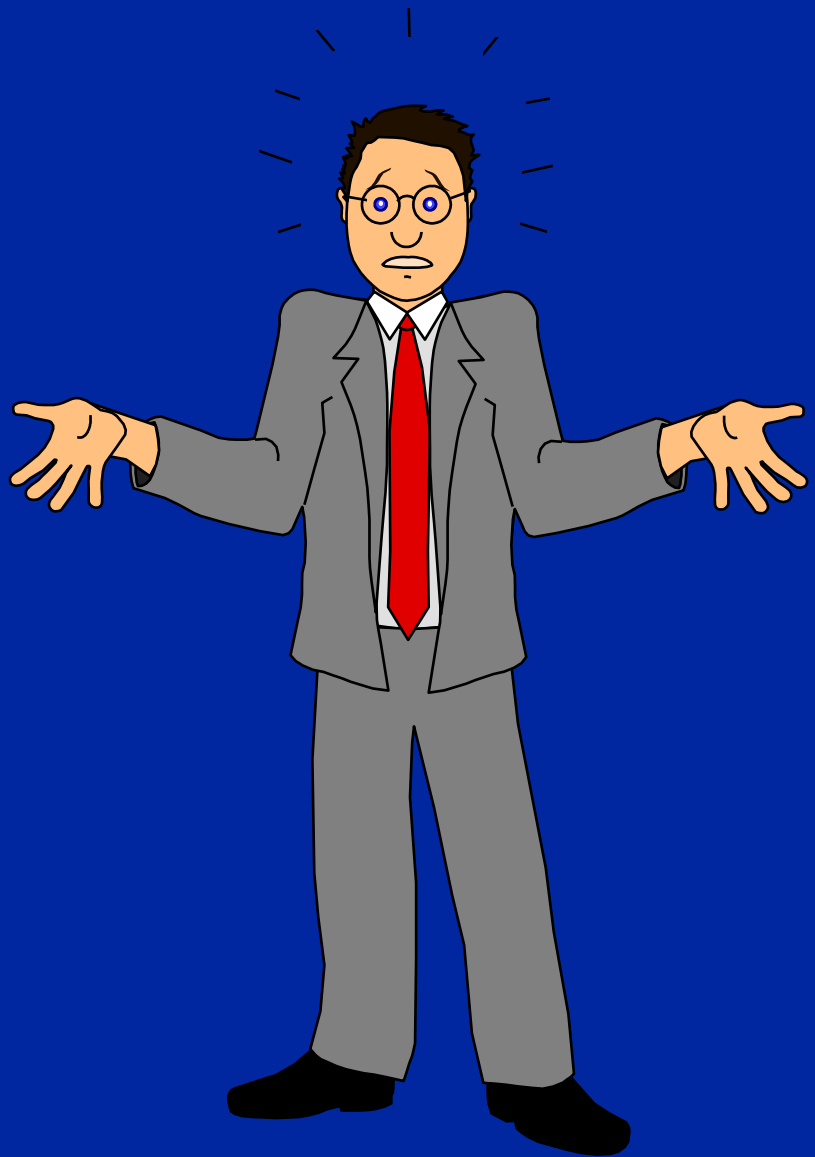
STSG Split thickness skin graft

T&A Tonsillectomy and adenoidectomy

TAH Total abdominal hysterectomy

TVH Total vaginal hysterectomy

??? Questions ???



Take A Break !!!!!